



CEIRIOG RURAL DISTRICT

COUNCIL.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

J. Gareth M. Williams, M.B.CH.B.D.P.H.

including

REPORT OF THE PUBLIC HEALTH INSPECTOR & SURVEYOR

S. A. Hughes, M.A.P.H.I.

for the

YEAR ENDED 31st. December, 1967.

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CEIRIOG RURAL DISTRICT COUNCIL,

ANNUAL REPORT 1967.

I have the honour to present my Annual Report on the Health and Vital Statistics of the Ceiriog Rural District for the year ended 31st. December, 1967.

POPULATION - The registrar General's mid year estimate of Population was 7,150, a decrease of 20 as compared with 1966. This decrease in population has now become a continual trend and follows the pattern that has unfortunately evolved in rural parts of Wales during this century.

BIRTHS - The total number of live births recorded was 113 (53 male; 60 female) - an increase of 6 on the 1966 figure. This is in reverse of the general trend in England and Wales where the total births have fallen steadily since 1964.

Included in the total are 8 illegitimate births.

BIRTH RATE - Comparability factor 1.12

This was 15.8 births per 1000 mid year population and when adjusted for comparison with England and Wales generally comes to 17.7 which is higher than the national rate of 17.2.

This also shows an increase as compared with the 1966 adjusted rate of 17.0 for the Ceiriog Rural District.

STILL BIRTHS - The total of 2 still births is the same as those for the previous year. This gives a still birth rate of 17 per 1000 births as compared with the England and Wales figure of 14.7. The England and Wales figure is the lowest ever recorded and reflects the ever improving maternity services.

DEATHS - The total number of deaths recorded was 87 as compared with 94 last year and 90 in 1965. There were 51 male deaths and 36 female. Of the total of 87 the majority (76) occurred in age groups 55 and over.

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DEATHS - continued:-

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As in practically every year nowadays the main cause of death was disease of the heart and circulatory system which was responsible for 50 deaths altogether - well over half the total number. Contrary however to the general trend in Britain at present the number of deaths from cancer decreased from 17 in 1966 to 11 this year.

There were also decreases in deaths from Pneumonia, Bronchitis and other Respiratory diseases, (a total of 6 as compared with 14 in 1966) but an increase in deaths attributable to accidents (8 as compared to 2 only in 1966).

Other causes of death included - Syphilis (2) Diabetis (1) Ulcer of stomach (1) and congenital Malformation (1). The remaining 10 are classified as "other defined and ill-defined diseases".

DEATH RATE (Comparability factor 1.0)

The crude death rate was 12.2 per 1000 mid year population (adjusted rate also 12.2). The England and Wales figure was 11.2.

INFANT DEATHS - There were 4 infant deaths (under the age of 1 year) as compared with 3 in 1966. Of these 3 occurred in the first month of life and were associated with prematurity and/or congenital malformation. The other was due to accidental causes.

INFECTIOUS DISEASES. - A total number of 157 cases were notified. Of these 148 were Measles and 8 Whooping Cough. One case of Pulmonary Tuberculosis was notified.

In 1966 only 14 cases were notified of which 11 were measles and 3 Pulmonary Tuberculosis.

It is gratifying to note the fact that Tuberculosis has now dwindled to only one case, which is the lowest figure ever recorded in any year.

This is in keeping with the general pattern that has evolved in Great Britain during this century particularly since the last war. Many factors are responsible; notably the introduction of specific anti-tuberculosis drugs, Mass X-ray services, B C G vaccination in schools, tuberculin testing of dairy herds and the generally raised standards of living particularly in nutrition and housing.

INFECTIOUS DISEASES - Measles, as always is the most prevalent disease. It will be most interesting to see the effect of vaccination against this disease in future years.

IMMUNISATION AND VACCINATION -

(a) Diphtheria, Whooping Cough and Tetanus

Year of Birth.	<u>Diphtheria.</u>		<u>Whooping Cough.</u>		<u>Tetanus.</u>	
	Primary	Booster.	Primary.	Booster.	Primary.	Booster.
1967	38 (30)	- (-)	37 (30)	-	38 (30)	- (-)
1966	65 (62)	16 (21)	65 (62)	16 (19)	65 (62)	16 (21)
1965	4 (4)	62 (55)	4 (4)	61 (55)	4 (4)	62 (55)
1964	1 (3)	6 (5)	1 (3)	6 (5)	1 (3)	6 (5)
1960-63	7 (6)	78 (65)	4 (2)	4 (31)	6 (5)	54 (63)
1950-59	- (-)	75 (59)	- (-)	12 (17)	2 (-)	18 (55)
Total	115 (105)	237 (205)	111 (101)	99 (127)	116 (104)	156 (199)

(Figures in brackets are the 1966 ones for comparison)

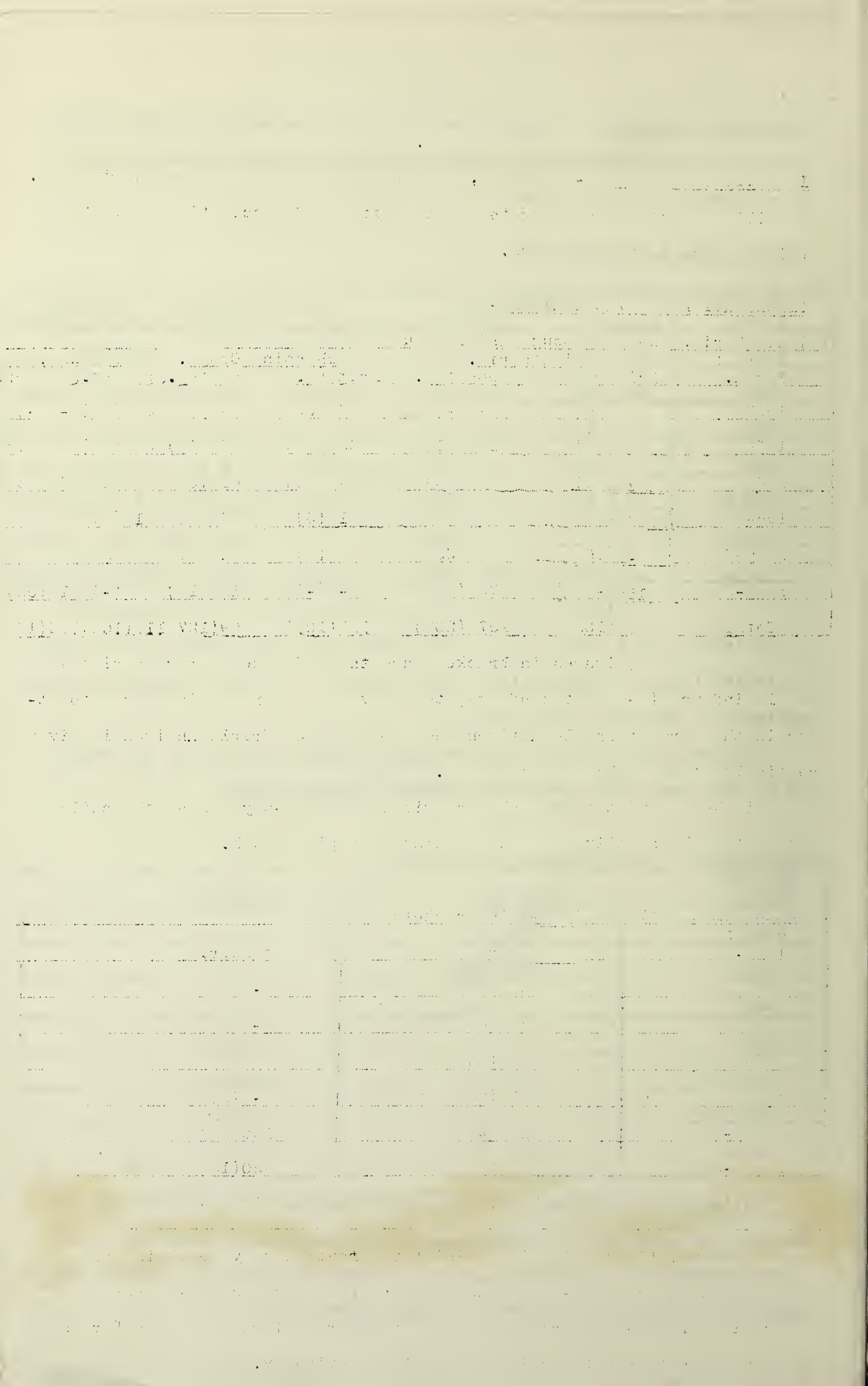
In infancy (3-6 months of age) the above three are administered together in the form of Triple Antigen and a booster of Triple Antigen is given routinely at about 18 months of age.

Diphtheria and tetanus only are given at age 4-5 years as the child has by then been fully protected against whooping cough.

(b) POLIOMYELITIS (1966 figures in brackets)

Year of Birth.	Primary	Booster.
1967	30 (9)	-
1966	77 (60)	-
1965	7 (4)	3
1964	1 (2)	- (2)
1960 -63	18 (4)	130 (67)
1950 -59	7 (1)	50 (15)
Total	140 (80)	210 (84)

Poliomyelitis vaccine is administered routinely by mouth in infancy between the ages of 6 - 9 months and a booster dose is administered at approximately 4 - 5 years of age and to other children who have for one reason or another not received a booster previously.



(c) SMALLPOX VACCINATION (1966 figures in brackets)

Age.	Primary Vaccination.	Re-Vaccination.
0 - 12 months	4 (7)	-
1 year	29 (51)	-
2 - 4 years	5 (12)	-
5 - 15 years.	1 (27)	- (26)
16 years & over	3 (1)	12 (5)
Total	42 (98)	12 (31)

As I anticipated in last year's report the figures throughout the age groups show a substantial drop as compared with 1966. The 1966 figures were heavily boosted because of the outbreak of minor smallpox which then occurred in the English Midlands and South Wales. The 1967 figures have returned to the normal which as in most years lag well behind those for Triple Antigen and Poliomyelitis.

CHIROPODY SERVICE (1966 figures in brackets)

Clinic.	No on Register at 31.12.67.	No of Sessions held.	No. of Treatments given.	No. on waiting list 31. 12.67.
Chirk	75 (69)	48 (52)	255 (307)	1 (1)
Glyn Ceiriog	25 (16)	11 (9)	57 (53)	4 (-)
Llanrhaeadr	32 (29)	11 (11)	50 (55)	- (-)

It is good to see that the waiting lists throughout the district are practically non-existent.

As usual, I end my report by expressing my personal thanks to my fellow officers and other servants of the Council for their continued kindness and ready co-operation throughout the year. I am also indebted to the Chairman and Council members for the same reasons.

Fel arfer, gorffennaf fy adroddiad drwy fenegi fy niolch personol i'm cydswyddogion a gweision eraill y Cyngor am eu caredigrwydd parhaol a'i cydweith-rediad parod drwy gydol y flwyddyn. Yr wyf hefyd, yn ddyledus iawn i'r Cadeirydd ac aelodau'r Cyngor am yr un rhesymau.

I am, Gentlemen,

Yours obediently,
J. Gareth M. Williams.
Medical Officer of Health.
(Syddog Meddygol Iechyd)

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HOUSING DEVELOPMENT

The Housing Schemes which the Council have in hand are:-

CORONATION DRIVE, RHOSYWAUN, CHIRK.

This scheme provides for the erection of 4 dwelling houses and 28 flats. Central heating is a feature of these dwellings - the houses being heated with solid fuel whilst the flats by gas; the gas being brought into the district by the Wales Gas Board. The development provides the first part in the redevelopment of the Aluminium Bungalow site at Bronywaun and allows for the re-housing of 19 families from these Bungalows. Erection commenced on 9th. October, 1967.

GLYNCELRIOG.

The development of this housing site is to be in two stages, the first being the provision of 16 dwellings ie. flats, houses and bungalows. Electric central heating is to be used in these dwellings. Work is due to commence on 1st. March, 1968 and completion 1st. March, 1969.

LLANGEDWYN.

The land available for development on this site is again to be developed in stages, the first one being the erection of 4 houses and 4 bungalows. Solid fuel heating is to be installed. This scheme has not been finalized but it is expected that a start will be made on the contract during the summer months.

BRONYWAUN

As the Aluminium Bungalows regrettably have come to the end of their useful life, it has been decided that redevelopment of this site should take place. The Council's architect is proceeding with the preparations necessary and it has been decided that the area should be developed in stages. Stage 1. being the vacating and demolition of the bungalows followed by the building of new dwellings on the vacated site. Tenants from the remaining bungalows would then be able to occupy the newly developed dwellings after which the demolition and building of further new dwellings can proceed.

HALTON

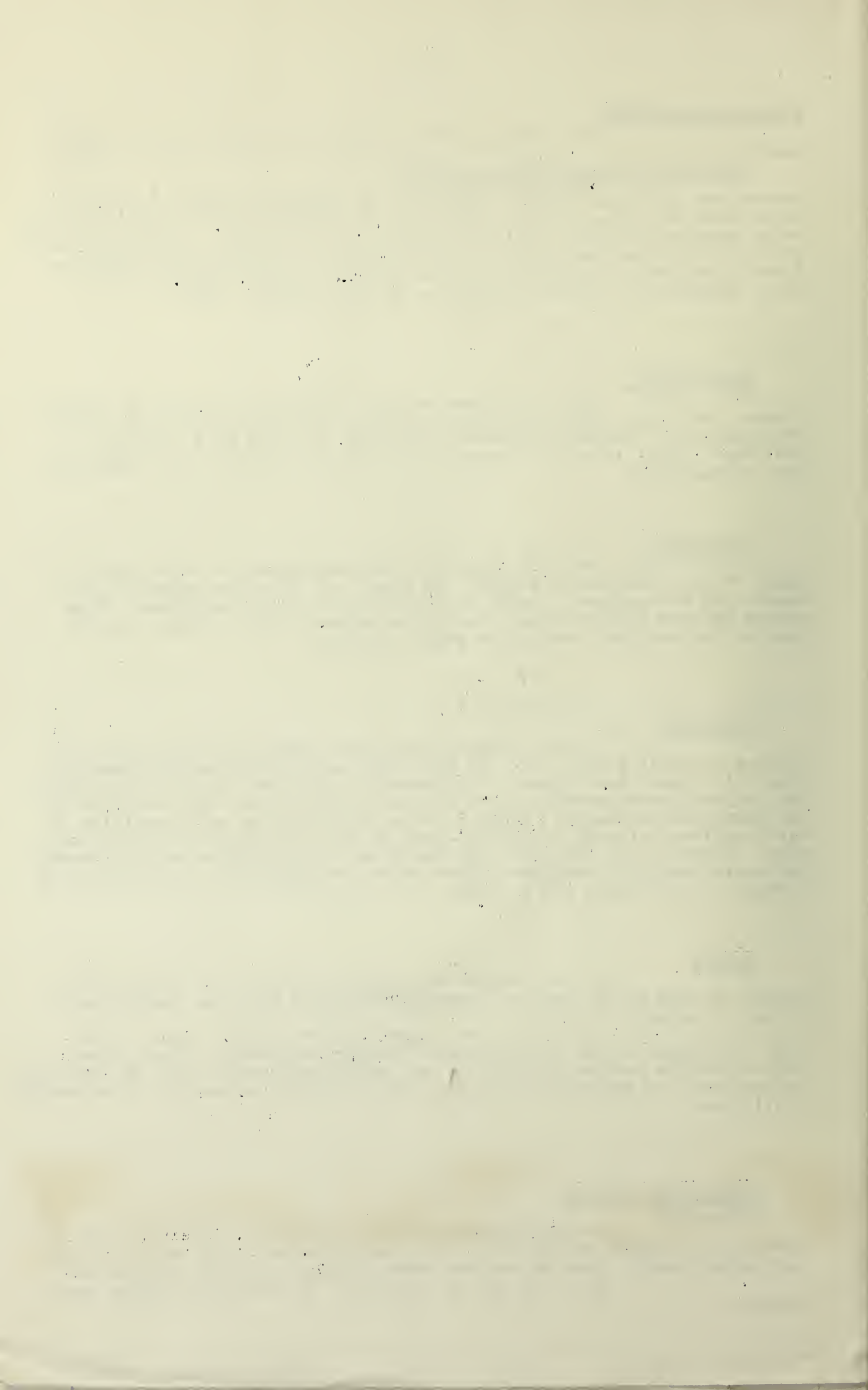
It was decided that further housing development is needed in this parish and the Council's architect has been instructed to prepare a scheme.

It can be seen, therefore, the Council have in the next few years, a very comprehensive housing programme. There is however a need to look at the old as well as the new and it will be necessary to consider the implementation of a slum clearance scheme for sub-standard dwellings.

IMPROVEMENT SCHEMESCHIRK GREEN

The improvement of the 74 houses at Chirk Green by the provision of bathroom with bath, wash basins indoor W.C's sink, hot and cold water supply, food stores and outbuildings, is still in progress.

Up to the end of the year 70 houses have been completed.



IMPROVEMENT SCHEMES -continued:-WATERFALL STREET, LLANRHAEDR Y.M. - Nos. 4.5.6 & 7.

The improvements and repairs to the three cottages which have been empty for many years and the scullery addition to No.7 will be completed in the next month or so. The result of this scheme will be most pleasing and will help to improve the amenity of this area. It is a great pity that it was not possible to carry out improvements to the remaining three cottages in the terrace.

ELECTRICAL IMPROVEMENTS.

The improvements to the electrical wiring in the pre war houses in Llanrhaeadr Y.M., Llansilin, Glyn Ceiriog, Pontfadog and Rhos-ywaun, Chirk, is progressing satisfactorily and so far all houses except the Rhosywaun contract have been completed, and this contract should be finished during 1968.

GARAGES.

It was decided during the latter part of the year that where possible and where tenants so desired garages would be erected on gardens, and a scheme was drawn up for either the Council to erect the garage and carry out the ancillary works and charge a rent or the tenant would be allowed to do the same work provided the garage was left at the end of the tenancy when the Council would purchase the garage.

So far applications have been received from two tenants who wish to erect the garages themselves and four tenants have asked the Council to provide the garages.

HOUSING ACT 1957

During the year reports were given to the Council on the condition of 8 houses following which 5 closing orders and 3 demolition orders were made on the properties concerned.

HOUSING REPAIRS ACCOUNT

No. of Houses.	To Credit Repairs Account.	To Debit Repairs Account.	Average Cost per house.
894	£12401. 0. 0.	£11,971. 0. 0.	£13. 10. 0.

The number of repairs dealt with during the year was 1020

WATER SUPPLIES

During the year the following samples have been taken from both the Council and Privately owned water supplies:-

BACTERIOLOGICAL ANALYSIS

<u>Public Supplies</u> - Satisfactory	26	
Unsatisfactory	3	
<u>Private Supplies</u> - Satisfactory	5	Chemical
Unsatisfactory	2	"
Satisfactory	1	Bacteriological
Unsatisfactory	7	"

GARTH WATER SUPPLY

A start has been made on the laying of the rising main and the building of the necessary pump house to connect this village on to the Pandy Water Supply.

WHITEHURST to MAESGWYN FARM, CHIRK.

The scheme for the bringing of a water main from Whitehurst to Maesgwyn Farm has been completed. The factory which is in the course of erection in Chirk is now supplied with water through the new pipe line at terms agreed with the Council, the Wrexham and East Denbighshire Water Company and Messrs Cadbury Bros:.

BWLCHYDDAR

Investigations are being carried out to ascertain whether a suitable supply of water can be obtained from a spring in the locality, to augment the Councils present supply. If these investigations prove successful, there will be no need to carry out a costly pumping scheme.

SEWAGE DISPOSAL

The scheme for the making of a new conventional type sewage disposal works at Rhosywaun has been approved and work commenced on this contract in August 1967. The plans are for the development in two stages, the cost of the first stage being £180,000.

Work is progressing most satisfactory and it is anticipated that this stage will be in operation near the end of 1968. The plans also include for the laying of a new storm water sewer from Chapel lane to the old Black Park railway line. The new works are much needed and will not only provide for present demands but also for future residential and industrial development.

SEPTIC TANK SCHEME

During the second year of operation of this scheme 114 septic tanks have been emptied. There are still quite a number of properties where tanks are not emptied due to the owners not having complied with the conditions of the scheme.

PUBLIC CONVENIENCES, LLANRHALLADR Y.N. - WATERFALL.

Due to the weather conditions which exist in this part of the district during the winter months it was agreed that the commencement of this contract should be delayed. This scheme will provide a much needed amenity in this popular beauty spot.

SANITARY INSPECTIONS

Houses visited	321
" revisited	479
Water Supplies	369
Various	495
Nuisances	33
Sewerage & Sewage Disposal Works.	172
New Buildings	507
Meat Inspections	119
Refuse Collection	66

OFFICES, SHOPS & RAILWAY PREMISES ACT 1963

The number of premises registered in accordance with this Act at the end of December 1967, was 38.

In the various premises there were 134 persons employed including 68 males 66 females.

No accidents were reported during the year.

SLAUGHTERHOUSE and MEAT INSPECTION

There are now only two licenced slaughterhouses in the district, the owners of one slaughterhouse not renewing his license.

A total of 109 visits were made to the premises during the year for meat inspection purposes. The number of animals killed during this period was 2549 and all were inspected and stamped in accordance with the Meat Inspection Regulations.

The following table shows the number of carcasses and offal inspected and condemned in whole or part.

	Cattle excluding Cows. Cows.	Calves.	Sheep & Lambs.	Pigs
Number killed) Number inspected)	60 -	-	2587	102
All Diseases except Tuberculosis & Cysticerci.	- -	-	-	-
Whole carcasses condemned.	- -	-	1	-
Carcasses of which some part or organ was condemned.	16 -	-	201	8
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	26% -	-	8%	7.8%
Tuberculosis only				
Whole carcasses condemned.	- -	-	-	-
Carcasses of which some part or organ was condemned.	- -	-	-	2
Percentage of the number inspected affected with tuberculosis.	- -	-	-	1.9

SLAUGHTERHOUSE and MEAT INSPECTION-continued:-

Due to the Foot and Mouth outbreak during the latter part of 1967, restriction on the movement of animals were improved, and this necessitated the temporary opening of the unlicensed slaughterhouse. It was also responsible for a butcher from outside the district making use of the facilities of one of the licenced slaughter houses during this period. This is mainly the reason for the increased throughput of animals ie. 2549 this year as compared to 786 last year.

494 lbs. of meat and offal was condemned as unsuitable for human consumption and this was removed from the premises by Contractors employed by the licencées.

POULTRY INSPECTION.

There is one small establishment in the district with facilities for slaughtering poultry. These are rarely used and in fact were not used during the year.

UN SOUND FOOD.

During the year the amount of food which was unsound and surrendered to the department is as follows:-

Tinned Meat	144		
" Baked Beans	19		
" Milk	26		
" Vegetables	46		
" Pie filling	4		
" Rice Pudding	11		
" Tomatoes	63		
" Salmon	5		
" Fruit	232		
" Fruit Juice	11		
" Soup	7		
" Cream	3		
Fresh Vegetables	48 lbs.	---	Total 337 lbs.

MILK and DAIRIES

It was not necessary to institute formal proceedings under the Act for any breach of Regulations. Advice on structural improvements was given where necessary.

ICE-CREAM.

Two premises were registered during the year for the storage and sale of ice-cream. One of these was also registered for the manufacture of ice cream.

BUILDING REGULATION 1965 and TOWN & COUNTRY PLANNING ACT.1962.

During the year the number of applications received and dealt with was 108 of these 99 were approved and these included 56 applications for new buildings and 52 for alterations and conversions.

The number of buildings completed during this year was 74.

FACTORIES ACT 1961

1. Inspections for purposes of provisions as to health (including inspection made by Public Health Inspectors)

Premises (1)	Number on Register. (2)	Number of Inspections. (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Section 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	Nil	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	26	15	1	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-worker premises)	Nil	Nil	Nil	Nil
Total	26	15	1	Nil

CASES in which defects were found

Particulars (1)	No. of cases in which defects were found.		No. of cases in which prosecutions were instructed.		
	Found. (2)	Remedied (3)	Referred To H.M. Inspector. (4)	By H.M. Inspector. (5)	(6)
Want of Cleanliness (S.1) Overcrowding (S.2) Unreasonable Temperature (S.3) Inadequate Ventilation (S.4) Insufficient drainage of floors (S.6)			Nil		
Sanitary Conveniences (S.7)					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-

May I take this opportunity to express my many thanks to members and staff of the Council, and special thank you for his kind consideration and help to Mr. R.W. Aubrey, Public Health Inspector and Surveyor, during this year.

Your obedient servant

S. A. Hughes

Public Health Inspector and Surveyor.

